RAVI TIWARI

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OBJECTIVE

Seeking a role that combines Python development and data analysis to build data-driven solutions. Skilled in designing data pipelines, conducting analyses, and creating insightful visualizations to support decision-making and optimize software performance.

EXPERIENCE

Data Analyst, DigiPrima Technologies - Indore (M.P)
July 2024 - Present
- Assisted in analyzing large datasets to identify trends and patterns.
- Contributed to the development of dashboards in Power BI to monitor business performance.
- Collaborated with the team to present data-driven insights to management.

Python Developer, CodSoft
Duration: 2 Month
Key Learnings:
- **Python Proficiency:** Enhanced knowledge of Python syntax, data structures, and libraries.
- **Problem-Solving:** Gained skills in structured, strategic problem-solving.
- **Collaboration:** Improved team communication and collaboration skills.

TECHNICAL SKILLS

- **Programming Languages:** Python, Django Framework.
- **Databases:** MySQL, SQL Server.
- **Power BI:** Proficient in creating interactive dashboards, reports, and visualizations. Knowledge of DAX (Data Analysis Expressions) for complex calculations.
- **SQL:** Ability to write and optimize queries for data extraction, manipulation, and reporting.
- **Data Analysis:** Strong analytical skills with the ability to interpret data, identify trends, and provide actionable insights
- **ETL Processes:** Understanding of Extract, Transform, Load processes.
- **Excel:** Advanced proficiency in data analysis, pivot tables, and other Excel functions.

EDUCATION

Master of Computer Application (MCA)
Shri Vaishnav Institute of Management, Indore, RGPV University
June 2024, CGPA**: 8.45**

Bachelor of Science in Computer Science
B.L.P Govt. P.G. College, Mhow, DAVV University
May 2022, **Percentage:** 71.93%

PROJECTS

1. **FoodieFinds -** A restaurant review and recipe-sharing platform
   Tools: Python, Django, SQLite
   - Demonstrates skills in managing user reviews, ratings, and comments, which are common in real-world applications.
   - Utilizes Django's database handling for restaurants, recipes, and user profiles, showcasing CRUD capabilities.
   - Implements features like search, filters (e.g., cuisine type, location), and user interaction, adding depth to your experience.

2. **Real-Time Dashboard**
   Tools: SQL Server, Python, Power BI, Power BI Service, Power BI Gateway.
   - Developed a real-time dashboard using SQL Server, Python, and Power BI to integrate data from multiple sources for continuous metric monitoring.
   - Automated data refreshes through Power BI Gateway, reducing manual reporting time by 80%.
   - Improved decision-making by delivering up-to-date insights and a user-friendly interface for stakeholders.

3. **Superstore Dashboard with Forecasting**
   Tools: Power BI, MySQL
   - Created an interactive Power BI dashboard for retail sales forecasting, allowing users to explore sales trends through dynamic filters.
   - Provided personalized insights and future projections, enhancing strategic decision-making and performance tracking.

CERTIFICATIONS

- MERN Stack Development by Crush IT Techno, Indore.
- C, C++ and Java by IIT Bombay